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## Keeping iPhone 3G and iPhone 3GS within acceptable operating temperatures

Last Modified: July 07, 2009

Article: HT2101

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### Summary

Learn about the operating temperatures and temperature management of iPhone 3G and iPhone 3GS.

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### Products Affected

iPhone 3G, iPhone 3GS

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Operate iPhone 3G and iPhone 3GS in a place where the temperature is between 0° and 35° C (32° to 95° F). Low- or high-temperature conditions might temporarily shorten battery life or cause the device to temporarily stop working properly.

Store iPhone 3G and iPhone 3GS in a place where the temperature is between -20° and 45° C (-4° to 113° F). Don't leave the device in your car, because temperatures in parked cars can exceed this range.

If the interior temperature of the device exceeds normal operating temperatures, you may experience the following as it attempts to regulate its temperature:

- The device stops charging
- Display dims
- Weak cellular signal
- Temperature warning screen appears with the message "iPhone needs to cool down before you can use it" (see image below)



This message appears when the operating temperature has become too hot. This is a safety mechanism that protects the components of your device. If this message appears, you should turn the device off, move it to a cooler environment, and allow it to cool before resuming use.

**Note:** When this message appears, the device may still be able to make emergency calls.

Some conditions and activities that may activate the Temperature warning message:

- Leaving the device in a car on a hot day.
- Leaving it in direct sunlight for extended amounts of time.
- Using certain applications in hot conditions or direct sunlight for long periods of time, such as GPS tracking in a car on a sunny day or listening to music while in direct sunlight.

#### Safety Standards:

iPhone 3G and iPhone 3GS comply with the safety standard for Safety of Information Technology Equipment, IEC 60950-1.

This safety standard has been adopted by many countries and is referred to as the following:

- UL 60950-1 in the United States
- CSA 60950-01 in Canada
- EN60950-1 in Europe
- AS/NZS 60950:1 in Australia and New Zealand.

## DUPLICATE RECEIPT

Date [REDACTED]  
Customer [REDACTED]  
Email [REDACTED]

Apple Store, [REDACTED]

Receipt ID [REDACTED]

www.apple.com/retail [REDACTED]

Product Description	Warranty	Return Date	Support Contact	Qty	Unit Price	Total
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iPhone 3GS 32GB - Black

Part Number: [REDACTED]

Serial Number: [REDACTED]

(1)	\$ 299.00	(\$ 299.00)
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<b>Sub-Total</b>	(\$ 299.00)
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Tax@9.25%	(\$ 64.66)
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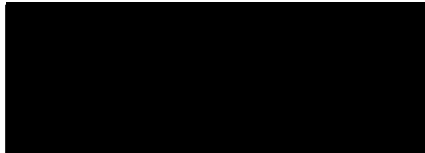
<b>(\$ 363.66)</b>
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Payment Method

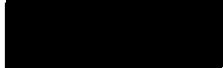
(\$ 363.66)

Total Amount (\$ 363.66)

Tendered



www.apple.com -



Marware CEO Premier Folio iPhone 3G (\$ 34.95)

Part Number:

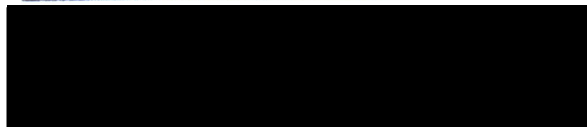


Sub-Total (\$ 34.95)

Tax@9.25% (\$ 3.23)

Total (\$ 38.18)

(\$ 38.18)



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